CLAIMS:

1. An article, comprising:

an optical film having a microstructure on a surface thereof, wherein the optical film comprises a brominated polycarbonate comprising 1 to about 45 weight percent bromine based on the total weight of the brominated polycarbonate.

2. The article of claim 1, wherein the brominated polycarbonate has a refractive index greater than or equal to about 1.585.

3. The article of claim 1, wherein the brominated polycarbonate has a refractive index greater than or equal to about 1.595.

4. The article of claim 1, wherein the brominated polycarbonate is derived from Bisphenol A and tetrabromobisphenol A.

5. The article of claim 1, wherein the brominated polycarbonate comprises a blend of a non-brominated polycarbonate and a polycarbonate comprising brominated units.

6. The article of claim 1, wherein the brominated polycarbonate comprises a blend of a non-brominated polycarbonate and a brominated carbonate oligomer.

7. The article of claim 6, wherein the blend comprises about 30 to about 60 weight percent brominated carbonate oligomer based on the total weight of the blend.

8. The article of claim 1, wherein the brominated polycarbonate comprises a blend of brominated carbonate oligomer and a polycarbonate comprising brominated units.

9. The article of claim 8, wherein the polycarbonate comprising brominated units is derived from Bisphenol A and tetrabromobisphenol A.

10. The article of claim 1, wherein the optical film exhibits a VTM-2 flammability rating according to UL 94 Edition 5 of October 29, 1996.

11. The article of claim 1, wherein the optical film exhibits a VTM-1 flammability rating according to UL 94 Edition 5 of October 29, 1996.

12. The article of claim 1, wherein the article is a brightness enhancing film, a light management film, a Fresnel lens element, a diffraction grating, a video disc, a reflector, an ophthalmic lens, a projection display, a traffic signal, or an illuminated sign.

13. A method of preparing an article, comprising:

molding a brominated polycarbonate to form an optical film having a microstructure on a surface thereof,

wherein the brominated polycarbonate comprises 1 to about 45 weight percent bromine based on the total weight of the brominated polycarbonate.

14. The method of claim 13, wherein the molding comprises calendaring, molding, embossing, hot stamping, or a combination comprising at least one of the foregoing.